

POWERED BY

COOLPAX™

Product #6625
TechNiche PHASE CHANGE
PULLOVER COOLING VEST

Powered by CoolPax™

- Scoop neck, pull over
- Hook and loop girth and shoulder adjustments
- 100% cotton vest, with thermal liner
- One set of 6667 Cool Pax™ inserts are included with each vest
- Deploy extra Cool Pax™ to achieve continuous cooling
- Color: Blue, Custom
- Sizes: M/L, L/XL, Custom
- Total Weight (including 6667 Cool Pax™): 7 lbs/3.2 kgs
- Insert Compatibility: 6667



Product #6627
TechNiche PHASE CHANGE
COOLING VESTS with BUILT-IN HYDRATION SYSTEM

Powered by CoolPax™

- Each unit includes vest/carrier, set of 6665V Cool Pax™, built-in hydration reservoir with drink tube and bite valve and cooler bag
- V-neck design with zipper closure, hook and loop girth and shoulder adjustments
- 100% cotton vest, with thermal liner
- Includes integrated 70 oz/2L personal hydration system (Product #6660)
- Sizes: M/L (100-175 lbs), L/XL (175-250 lbs), 2XL (250-300 lbs)
- Color: Blue, Custom
- Total Weight (including 6665V Cool Pax™ and full Hydration System (70oz/2L): 11.4lbs/5.2kgs



Product #6660
REPLACEMENT HYDRATION SYSTEM

- Replacement reservoir with drink tube and bite valve
- Purchase additional hydration systems for persons sharing vests or as needed
- 70 fl. oz. (2 liter) bladder system
- For CoolPax™ Cooling Vest with Built-in Hydration (6627 and GULPZ™ (6801)



PHASE CHANGE COOLING VESTS

Product #6626I
TechNiche PHASE CHANGE
FIRE RESISTANT COOLING VEST

Powered by CoolPax™

- Same features as the 6626, vest/carrier is made from 100% Fire Resistant cotton INDURA™ or Banwear™
- V-neck design with zipper closure, hook and loop girth and shoulder adjustments
- One set of 6665V Cool Pax™ inserts is included with each vest and one cooler bag
- Insert Compatibility: 6665V, 7065V
- Sizes: M/L (100-175 lbs), L/XL (175-250 lbs), XXL (250-300 lbs), Custom
- Color: Blue
- Total Weight (including 6665V Cool Pax™): 6.2lbs/2.8kgs



Product #6626N
TechNiche PHASE CHANGE
NOMEX™ FIRE RESISTANT COOLING VEST

Powered by CoolPax™

- Same features as the 6626, vest/carrier is made from 100% Nomex
- V-neck design with zipper closure, hook and loop girth and shoulder adjustments
- One set of 6665V Cool Pax™ inserts is included with each vest and one cooler bag
- Insert Compatibility: 6665V, 7065V
- Sizes: M/L (100-175 lbs), L/XL (175-250 lbs), XXL (250-300 lbs), Custom
- Color: Blue
- Total Weight (including 6665V Cool Pax™): 6.2lbs/2.8kgs



Product #6826
TechNiche PHASE CHANGE
FIRE RESISTANT WATER BASED COOLING VESTS

- For those requiring ultimate flammability protection
- Water Based Cooling Inserts maintain a temperature of 32°F (0°C) for up to one hour
- Vest/carrier is made with INDURA™ or BanWear™ fire resistant cotton
- Includes one (1) set of Water Based Cooling Inserts (6865) and Fire Resistant Vest
- Insert Compatibility: 6665V, 7065V, 6865
- Sizes: M/L (100-175 lbs), L/XL (175-250 lbs), 2XL (250-300 lbs), Custom
- Color: Blue
- Total Weight (including 6865 Cool Pax™): 7.1lbs/3.2kgs



POWERED BY

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Product #6665V

TechNiche COOLING INSERTS with HOOK AND LOOP STABILIZERS

Powered By Cool Pax™

- Hook and loop stabilizers to secure packs in place
- Maintain a comfortable 58°F/14°C for up to 3 hours



Product #7065V

TechNiche COOLING INSERTS with HOOK AND LOOP STABILIZERS

Powered By Cool Pax™

- Hook and loop stabilizers to secure packs in place
- Maintain a comfortable 58°F (14°C) for up to 3 hours

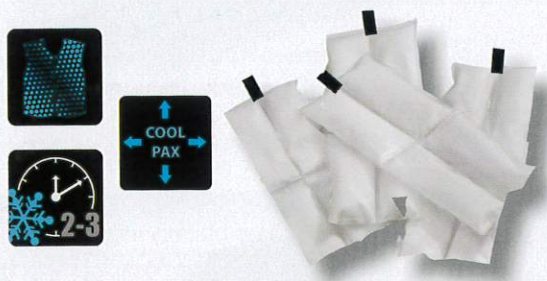


Product #6665EXT

TechNiche COOLING INSERTS with EXTENDED DURATION

Powered By Cool Pax™

- Maintain a comfortable 58°F (14°C) for up to 4 hours
- Weight: 7 lbs (3.2 kgs)



Product #6865

TechNiche COOLING INSERTS Powered By Cool Pax™ H2O COOLING INSERTS

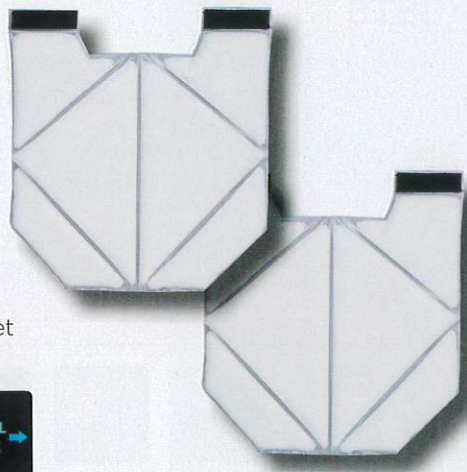
- Activated by placing in the freezer, use additional inserts for extended relief
- Water based Cooling Inserts maintain a temperature of 32°F (0°C) for up to one hour
- Include four (4) Water Based Cooling Inserts per set
- For Fire Resistant Vest 6826
- Weight: 6 lbs (2.7 kgs)



Product #6667

TechNiche COOLING INSERTS Powered By Cool Pax™

- Safe, effective, and comfortable
- Use additional inserts for continuous relief
- Maintain a comfortable 58°F (14°C) for up to 3 hours
- Made from high strength polyurethane
- Includes two (2) Phase Change Cooling Inserts per set
- Total Weight: 6 lbs
- Compatible with 6625



Product #8626

TechNiche PHASE CHANGE COOLING DOG COAT

Powered by CoolPax™

- Ideal for working dogs (police, military, etc) or other canines that work or recreate in high heat conditions
- Outer Material is 100% Cotton
- 58°F/14°C Cool Pax™ are great for all climates, activates quickly and will last for hours
- Colors: Blue, Khaki, Custom
- Sizes: Small/Medium (One Cool Pax™), Medium/Large (Two CoolPax™), Large/XLarge (Three CoolPax™)

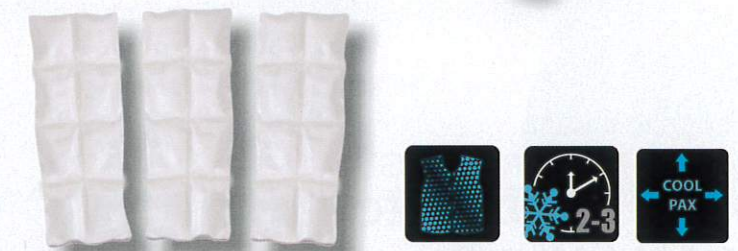


Product # 8665

TechNiche PHASE CHANGE COOLING DOG Inserts

Powered by CoolPax™

- 58°F/14°C Cool Pax™ are great for all climates, activates quickly
- Sizes: Small/Medium (One Cool Pax™), Medium/Large (Two Cool Pax™), Large/XLarge (Three Cool Pax™)



COOLING DOG COAT (PRODUCT #8626) SIZING CHART

Canine Cooling Coat Size	Number of Cool Pax™	Approx Dog Weight	Back Measurement	Typical Breed
Small/Medium	One	10 - 20 lbs	14" - 16"	Beagle
Medium/Large	Two	40 - 70 lbs	16" - 20"	Retriever
Large/XLarge	Three	95 - 120 lbs	20" - 28"	Shepherd

Product #8611

TechNiche PHASE CHANGE COOLING DOG PAD

Powered by CoolPax™

- Great way to cool down your pet on a hot day
- Can provide 2-3 hours of cooling relief per activation
- Easy to activate, and durable
- Comfortable 100% cotton with thermal lining and black poly-cotton trim
- Comes with dog pad and set of 3 TechNiche Phase Change Cooling inserts (8664)
- Size: One Size (19" x 36")
- Color: Khaki



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Product #6619 and 6661 TechNiche PHASE CHANGE COOLING NECKBAND Powered by CoolPax™

- Tie fasten, Cool Pax™ Phase Change Cooling inserts maintain a comfortable 58°F (14°C)
- 100% Cotton Carrier, Polyurethane Insert
- Colors: Blue, Khaki
- Size: Adult
- Include one (1) CoolPax™ Phase Change Cooling (6661)
- Use additional 6661 inserts for continuous relief from the heat
- 6661 inserts sealed in high strength polyurethane



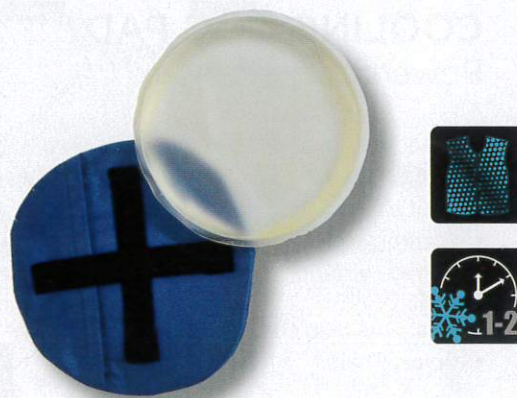
Product #6620 & 6662 TechNiche PHASE CHANGE COOLING DELUXE NECKBAND Powered by CoolPax™

- Hook and loop closure for a lower profile fit
- Cool Pax™ Phase Change Cooling inserts maintain a comfortable 58°F (14°C)
- 100% Cotton (excluding inserts)
- Colors: Blue, Khaki, Size: Adult
- Include one (1) CoolPax™ Phase Change Cooling Deluxe Neck Band Insert (6662)
- Use additional 6662 inserts for continuous relief from the heat
- 6662 inserts sealed in high strength polyurethane



Product #6622 & 6664 TechNiche PHASE CHANGE CROWN COOLERS Powered by CoolPax™

- Hook and loop attaches to hard hat liner (hard hat not included)
- Cool Pax™ Phase Change Cooling Inserts maintain a comfortable 58°F (14°C)
- 100% Cotton Carrier
- Color: Blue
- Size: Adult
- Include one (1) CoolPax™ Phase Change Cooling Crown Cooler Insert (6664)
- Use additional 6664 inserts for continuous relief from the heat
- 6664 inserts sealed in high strength polyurethane



PHASE CHANGE COOLING ACCESSORIES

Product #6621 & 6663 TechNiche PHASE CHANGE BROW COOLERS Powered by CoolPax™

- Hook and loop attaches easily to hard hat harness (hard hat not included)
- Cool Pax™ Phase Change Cooling Inserts maintain a comfortable 58°F (14°C) 100% Cotton, Polyurethane Insert
- Color: Blue
- Size: Adult
- Include one (1) CoolPax™ Phase Change Cooling Brow Pad Insert (6663)
- Use additional 6663 inserts for continuous relief from the heat
- 6663 inserts sealed in high strength polyurethane



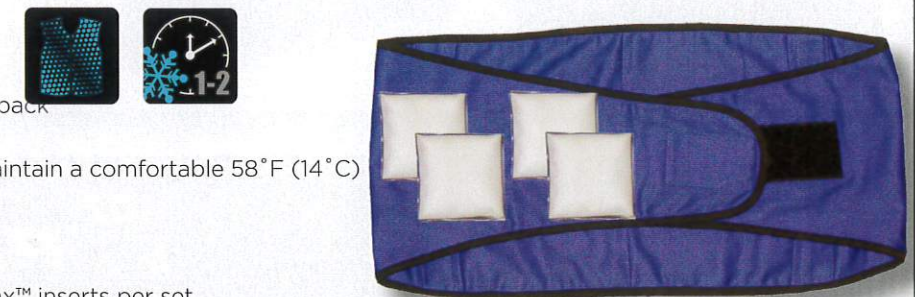
Product #6637 TechNiche PHASE CHANGE UNIVERSAL PACKS Powered by CoolPax™

- 6" x 6" (15.2 cm x 15.2 cm)
- Alternative to ice pack with no ice burn
- Cool Pax™ Phase Change Cooling pad maintains a comfortable 58°F (14°C)



Product #6638 & 6668 TechNiche PHASE CHANGE COOLING BACK WRAP Powered by CoolPax™

- Secure firmly and comfortably around your back
- Provide cooling relief to aches and pains
- Cool Pax™ Phase Change Cooling inserts maintain a comfortable 58°F (14°C)
- 100% Cotton Carrier
- Color: Blue
- Sizes: S/M, L/XL
- Include one back wrap with four (4) Cool Pax™ inserts per set
- Replacement insert set 6668



Product #6690 & 6691 TechNiche PHASE CHANGE WHEEL CHAIR PADS Powered by CoolPax™

- Can be used as a seat cushion, back cushion or both
- Use additional inserts for continuous relief
- Cool Pax™ Phase Change Cooling inserts maintain a comfortable 58°F (14°C)
- Include one (1) cushion with two (2) Cool Pax™ inserts



PERFORMANCE ENHANCEMENT COOLING VESTS

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TechNiche PHASE CHANGE PERFORMANCE ENHANCEMENT VESTS for FEMALE & MALE Powered by CoolPax™

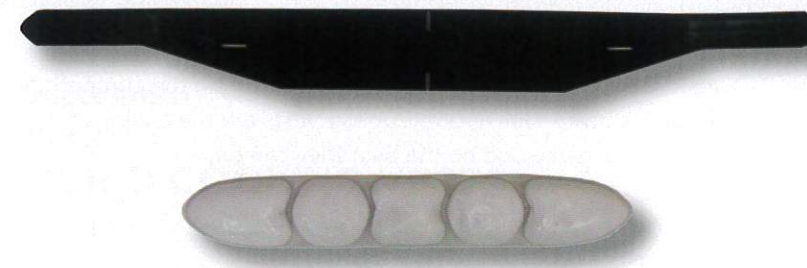
Product #6626F-PEV & 6626M-PEV

- Front Zipper
- Adjustable side gusset for optimal fit on all body shapes
- 100% cotton vest - provides comfort & wash-ability
- One Set of four 7065V Cool Pax™ inserts is included with each vest
- Colors: Black (Female), Black/Sliver (Male)
- Sizes: XS/S, M/L, XL/XXL, XXXL/XXXXL, Custom
- Cooler insulated carrying bag included - helps keep Cool Pax™ colder longer
- Insert Compatibility: 7065V



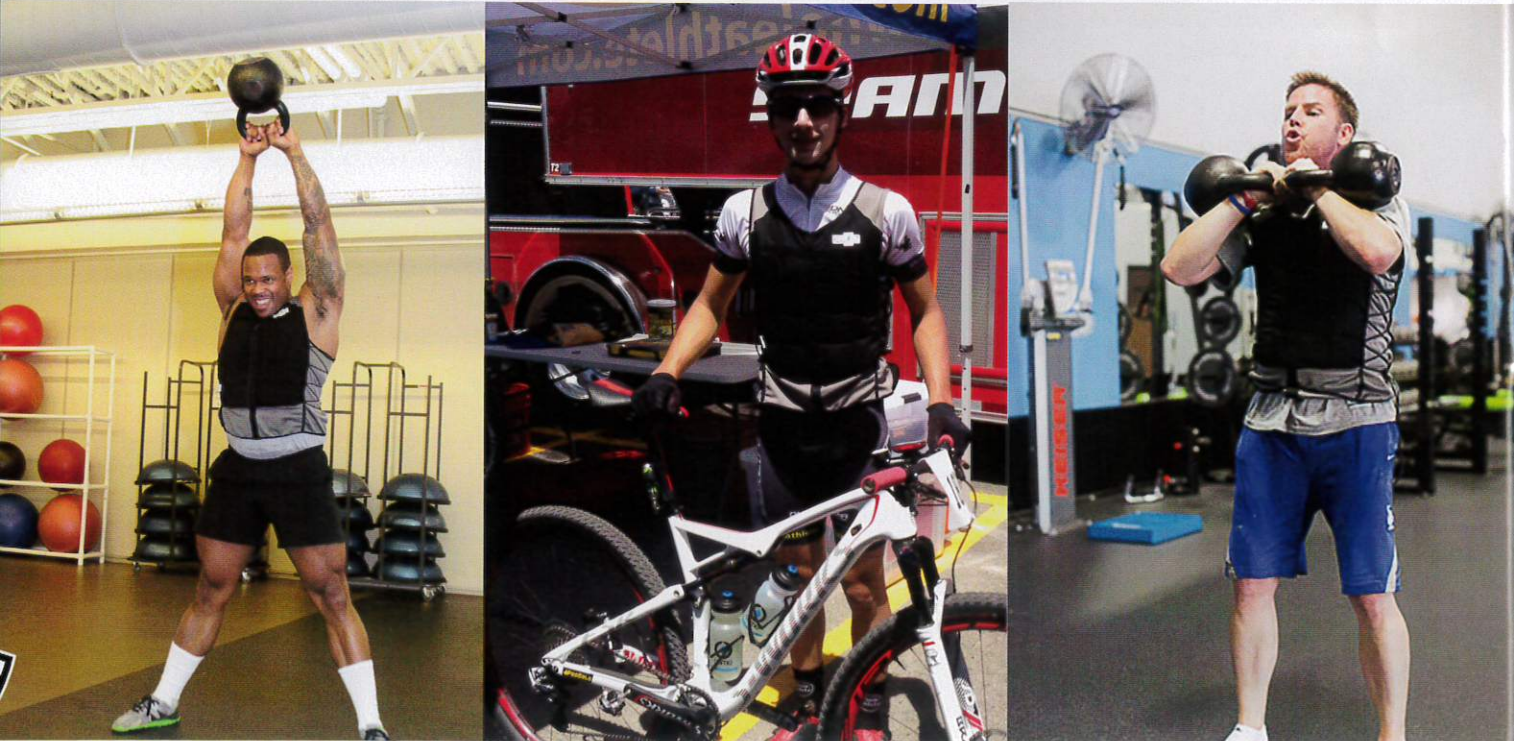
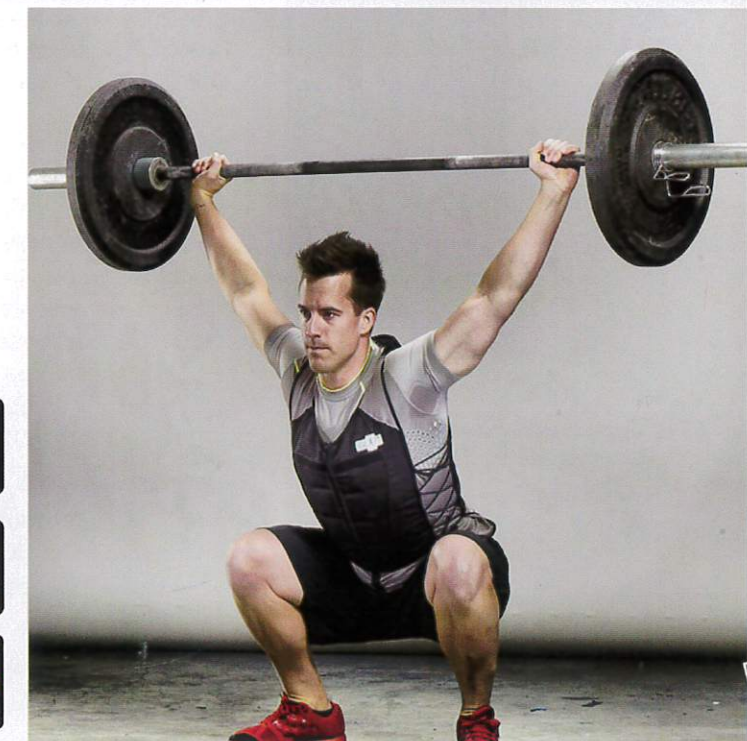
Product #6698 TechNiche PHASE CHANGE KewlNeck™ **KEWLNECK COOLERS** Powered by CoolPax™

- KewlNeck™ Insert and Strap for KewlFit™ Weight Management Cooling Vest
- Detachable device designed to stimulate brown adipose tissue using 58°F (14°C) targeted temperature
- Made from 100% Polyester stretch laminate allowing easy insert alignment/attachment/removal
- Include one (1) KewlNeck™ Carrier and one (1) KewlNeck Cool Pax™ insert
- Carrier Color: Black, Insert Color: Natural
- Size: Adult



Product #7065V TechNiche™ PHASE CHANGE **COOL PAX™ COOLING INSERTS** with HOOK AND LOOP STABILIZERS

- Hook and loop stabilizers to secure packs in place
- Maintain a comfortable 58°F (14°C) for up to 3 hours



HYBRID COOLING Technology

How it Works

This vest combines the best of our HyperKewl™ Evaporative Cooling technology with the best of our CoolPax™ Phase Change Cooling Technology, for longer, more effective personal cooling. This modular system is great for underneath protective gear or in situations with limited airflow.

Simply activate the HyperKewl™ portion of the vest by soaking it in water for 2-3 minutes. HyperKewl™ products utilize a unique polymer chemistry to achieve rapid absorption and stable water storage. Our patented HyperKewl™ formulation also creates enhanced evaporation.

Users can expect the HyperKewl™ evaporative cooling fabric to provide temperatures that are 15 - 20 degrees (F) cooler than the ambient temperature, depending on airflow.

Freeze the CoolPax™ Phase Change inserts (7065V) in ice water or the freezer for 45 minutes and then place them in the mesh pockets inside the vest.

The combination of these two cooling technologies together means longer and more flexible cooling options.

Our hybrid cooling technology combines our two most popular cooling technologies (HyperKewl™ and CoolPax™) for longer lasting cooling. Used by some of the best athletes around the world for pre-cooling, cooling during the competition, and post cooling for faster recovery. Our Hybrid Cooling Vests are the choice of people striving to improve their game and be the best they can be.

Famous Users

List of Teams Who Have Used TechNiche Cooling Vests

1. KTM Red Bull Factory Team (see image next page)
2. Honda World MX Team with Evgeny Bobryshev & Max Nagl. (See image next page)
3. Herock Motocross Team
4. Monster Energy Kawasaki Team Australia with Kade Mosig.
5. Wim Vanderheyden
6. McLaren Formula 1 Team
7. Ferrari Formula 1 Team
8. Alex Tagliani, Indy Pole Winner
9. Team Saxo Bank, with Alberto Contador (Tour de France Winner, see image next page)
10. Dutch National Soccer Team 2010 World Cup Finalists (see image next page)
11. US Olympic Cycling Team with Lauren Tamayo
12. Military including US, Israeli, Dutch and French



Who Uses This Technology ... anyone who works or recreates in warm weather
How Are These Products Different ... these products combine two of our most popular cooling technologies to maximize flexibility of use, cooling duration and comfort.

HYBRID COOLING VESTS



Product #4531

TechNiche

HYBRID COOLING VESTS

Powered by CoolPax™ and HyperKewl™

Front zipper closure with mesh ventilation and scoop neck

- Ideal for motocross riders, cyclists and any athlete working to improve performance and minimize the affects of heat fatigue and heat stress
- One set of 7065V Cool Pax™ inserts is included with each vest and one cooler bag
- Can provide several hours of cooling relief per soaking
- Lightweight, easy to activate, and durable
- Comfortable quilted nylon outer with HyperKewl™ fabric inner, water repellent nylon liner, and black poly-cotton trim
- Adult Sizes: S, M, L, XL, 2XL, 3XL, Custom
- Colors: Blue, Black, Silver, Custom



BLUE

BLACK

SILVER

All Product # 4531 Hybrid Cooling Vests now come with a convenient cooler bag to help transport the vest as well as keep Cool Pax™ frozen.

CIRCULATORY COOLING TECHNOLOGY

How it Works

KewlFlow™ products use water that is chilled with ice and pumped through a vest to remove heat and cool the wearer. The continuous flow of water through the special tubes built into the vests allows for continuous cooling around the upper body, keeping the user cool and comfortable regardless of airflow or humidity.

Each complete unit includes a vest with backpack or hand-held cooler. Components such as vests, coolers or backpacks are available separately or on their own. The KewlFlow vests are interchangeable with either the backpack or cooler units for ease of use and accessibility. Backpack units are designed with a portable application in mind where as the cooler units are designed for stationary applications.

All KewlFlow™ vests are highly adjustable for size and have unique double nylon mesh construction and reversible zippers for comfort and durability. The backpack and hand-held cooler units are designed with optimal performance and durability in mind. Both utilize self-contained pumps and easily accessible hardware.

How to Activate

Exposing one's body to chilled water is a powerful and proven method of both removing heat and cooling the body. To operate, simply fill the hand-held cooler unit with ice and water, or in the case of the backpack unit fill and freeze the provided ice mold. Then plug unit in to either the provided rechargeable Lithium-Ion battery or wall power adapter. Don the vest, adjusting the side straps for optimal fit and comfort then connect the vest to the cooler or backpack using the attached male and female plugs. Begin the flow of chilled water by pressing the activation switch included with the unit. Refill or replace ice as needed to maintain cooling temperatures.

Our KewlFlow™ systems can be used in a variety of settings and are a valuable tool in protecting against heat stress.

Who Uses This Technology ... anyone who works or recreates in warm weather

Best Conditions for Use ... any climate

How Are These Products Different ... stylish and portable

STEP 1:



STEP 2:



STEP 3:



STEP 4:



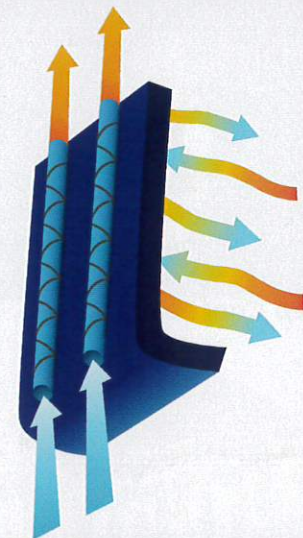
Product #6429

TechNiche CIRCULATORY COOLING VESTS Powered By KewlFlow™

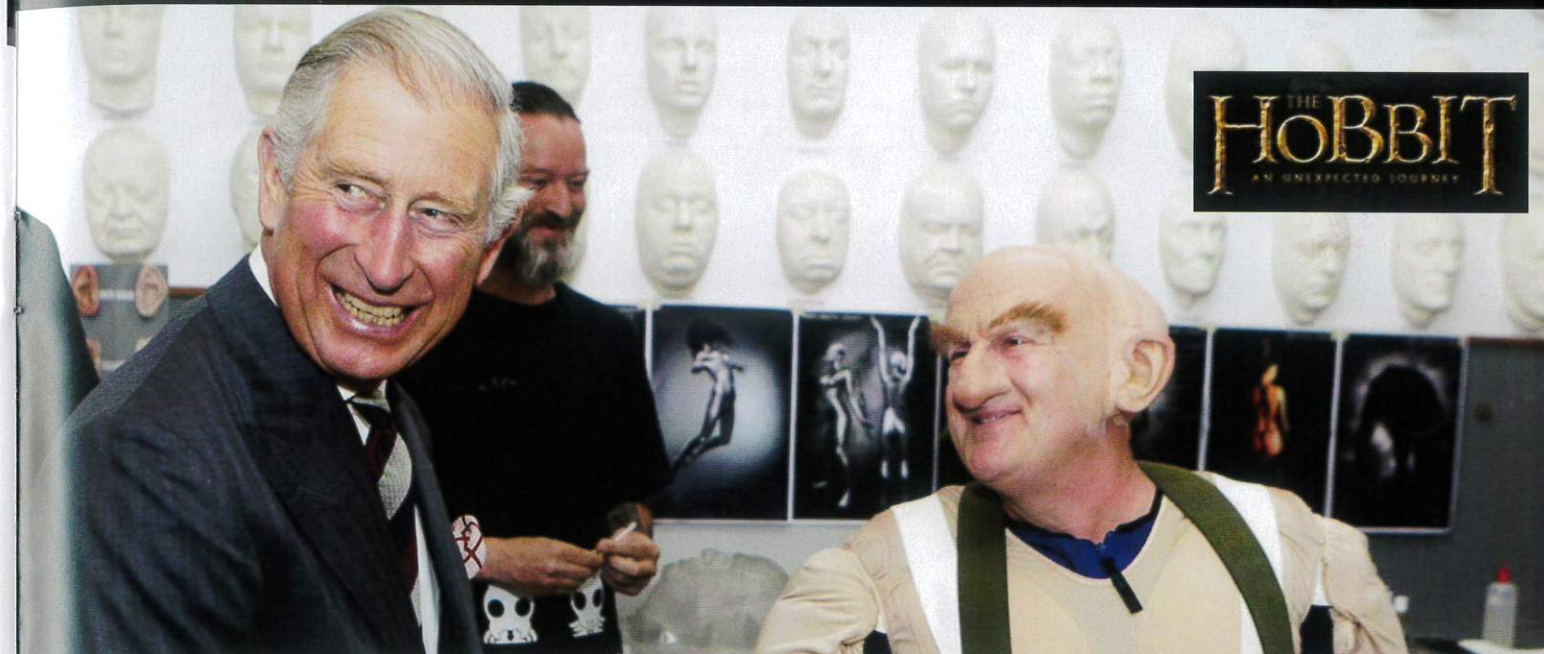
- 100% Polyester Mesh with integrated circulatory tubing
- Reversible Zipper front with elastic girth adjustments
- Easy to use quick connectors allow for convenient operation
- Insulated tubing and manifolds enable maximum cooling
- Vest can be powered by portable back pack (6429B) or static cooler (6429C)
- Color: Blue
- Sizes: XS/S, M/L, XL/2XL
- New Packaging coming in 2019



Coming in 2019!



CIRCULATORY COOLING VESTS



Prince Charles visits with an actor wearing our KewlFlow™ Circulatory Cooling Vest from The Hobbit: An Unexpected Journey movie.

Product #6429B

TechNiche CIRCULATORY COOLING VESTS with BACKPACK Powered By KewlFlow™

6429B includes 6429 Vest and Backpack

- 100% Nylon Low Profile Back Pack with integrated water reservoir, pump, and power source
- Padded shoulder straps with variable sizing adjustments
- Insulated tubing and manifolds enable maximum cooling
- Easy to use quick connectors allow for convenient operation
- Can operate with variable power sources (battery, 110AC)
- Cooling Duration: Up to 2 hours
- Color: Black, Size: Cooler holds up to 2 liters of water
- Adjustable Vest Sizes: XS/S, M/L, XL/2XL
- Typical users include motorcyclists, painters, and others requiring a portable cooling solution
- Included rechargeable lithium battery is good for up to 5 hours of continuous use on a full charge. Includes wall charger unit



Product #6429C

TechNiche CIRCULATORY COOLING VESTS with COOLER Powered By KewlFlow™

- 6429C includes 6429 Vest and Cooler
- 100% Nylon Carrying Case with spill proof inner bladder. Unit includes water reservoir, pump, and power source
- Insulated tubing and manifolds enable cooling
- Easy to use quick connectors allow for convenient operation
- Can operate with variable power sources (battery, 110AC)
- Cooling Duration: Up to 2 hours
- Color: Black, Size: Cooler holds up to 1 liter of water
- Adjustable Vest Sizes: XS/S, M/L, XL/2XL
- Typical users include surgeons, race care drivers and others needing stationary personal cooling relief



MERCHANDISING SUPPORT

TechNiche International offers two main POS displays and a variety of new packaging to assist in the merchandising of our products in retail locations. We customize each display for the particular market, (eg. Industrial Safety, Powersports, Pets and Equine, etc) thereby allowing our customers to have a unique product stand tailored to their needs. Our new packaging initiatives will also help retailers to better display our products and drive sales.

TOWER DISPLAYS



Solid black metal construction

Rests on base with wheels for easy movement & 360 degree presentation of products

Comes with 8 hooks for hanging products & four locking wheels at base

Includes customized display poster

Base: 19.5" x 19.5"

Height: 65"

COUNTER TOP DISPLAY



Corrugated Retail Floor Display

Comes with 3 shelves of space to stack and display products

Base: 16" X 12"

Height: 66"

PACKAGING



Solid black metal construction

Rests on metal base

Comes with 6 hooks for hanging products on grid

Includes mini display poster

Base: 16" x 16"

Height: 24"



VALUE ADDED SERVICES

www.techniche-intl.com | 1-888-BE-COOL

Manufacturing today is not simply about producing a product and shipping it. The demands placed on Distributors, Wholesalers, Dealers, Resellers and others by the market require a broader range of services from their manufacturers, if they are to succeed. We have heard what our reselling partners have said, we have seen what they need, and we have developed a range of services to help make you more competitive.

PRIVATE LABEL / OEM

We can place your label on our products. This enables you to sell them under your name and enhance customer retention.

PRODUCT CUSTOMIZATION

Design your own products with our Cooling and Heating technology. Custom designs, sizes, colors and styles are available.

DROP SHIPMENTS

No storage or stock needed when you take advantage of our drop shipment program. We offer both domestic and international drop shipment programs.

ADVERTISING CO-OP PROGRAMS

We will work with you to develop customized marketing programs suited to your unique markets. We have experience in both digital and print media.

DEALER / DISTRIBUTOR SUPPORT PROGRAMS

We are working to make you successful and will customize support programs to help you achieve success.

PRODUCT KNOWLEDGE TRAINING PROGRAMS

We will train your staff on our products to help improve your sales opportunities.

HYPERKEWL™ PLUS FABRIC OPTIONS

In addition to the finished goods outlined in this product catalog, we also sell HyperKewl™ PLUS fabric so that other companies can take advantage of our Evaporative Cooling technology.

Raw Fabric

Description: Our HyperKewl™ PLUS fabric is available in its "raw" form. It comes in rolls of approximately 100m. We will be happy to provide guidance to customers on how best to utilize our HyperKewl™ PLUS Fabric in their products.

